

=> IFW: Scan as Doc Code: SRNT <=
Doc Date:

TC 3700 Inventor Search Program

See attached inventor searches for applications and/or patents to help resolve questions of overlapping subject matter. These searches are provided as an initial examination aid: examiners should perform updated or expanded PALM or EAST inventors searches as appropriate.

Serial Number: 10/633,392

- 1.) See attached printout of inventors listed in
PALM**

- 2.) See attached EAST Inventor Search
Printout shows Inventor search terms**

Day : Tuesday
Date: 6/20/2006

Time: 14:45:23

PALM INTRANET

Inventor Information for 10/633392

| Inventor Name | City | State/Country |
|---------------------|-------------|---------------|
| LINCOLN, WILLIAM C. | COON RAPIDS | MINNESOTA |
| CARLSON, GERRARD M. | CHAMPLIN | MINNESOTA |

[Appn Info](#) [Contents](#) [Petition Info](#) [Atty/Agent Info](#) [Continuity Data](#) [Foreign Data](#)

Search Another: Application# or Patent#
PCT / / or PG PUBS #
Attorney Docket #
Bar Code #

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | Home page

| | | | | | | | |
|-------------------|----------|----------|----|---|--|---|-----------------------------|
| US 20060020295 A1 | US-PGPUB | 20060126 | 25 | Method and apparatus for monitoring heart failure patients with cardiopulmonary comorbidities | 607/17 | 600/513 | Brockway; Marina et al. |
| US 20060020294 A1 | US-PGPUB | 20060126 | | Method and apparatus for optimization of cardiac resynchronization therapy using heart sounds | 607/17 600/528 | 600/513; 600/528 | Brockway; Marina et al. |
| US 20060010090 A1 | US-PGPUB | 20060112 | | Expert system for patient medical information analysis | 706/46 | 600/300 | Brockway; Marina et al. |
| US 20060009812 A1 | US-PGPUB | 20060112 | | Maximum pacing rate limiter implemented using the evoked response - T-wave interval | 607/27 | 607/17 | Daum; Douglas R. et al. |
| US 20050149136 A1 | US-PGPUB | 20050707 | | Third heart sound activity index for heart failure monitoring | 607/17 | | Siejko, Krzysztof Z. et al. |
| US 20050148896 A1 | US-PGPUB | 20050707 | | Method and apparatus for third heart sound detection | 600/528 | | Siejko, Krzysztof Z. et al. |
| US 20050090719 A1 | US-PGPUB | 20050428 | | System and method for monitoring autonomic balance and physical activity | 600/300 128/899; 128/904; 600/509; 600/529; 600/547 | 128/899; 128/904; 600/509; 600/529; 600/547 | Scheiner, Avram et al. |
| US 20050049510 A1 | US-PGPUB | 20050303 | | Method and apparatus for catheterization by detecting signals indicating proximity to anatomical features | 600/483 | | Haldeman, Paul Craig et al. |
| US 20050010257 A1 | US-PGPUB | 20050113 | | Classifying tachyarrhythmia using time interval | 607/14 | 600/518 | Lincoln, William C. et al. |

| | | | | | | | | |
|-------------------|----------|----------|--|---|---------|--------|-----------------------------|--|
| | | | | between ventricular depolarization and mitral valve closure | | | | |
| US 20040230241 A1 | US-PGPUB | 20041118 | | Statistical method for assessing autonomic balance | 607/25 | | Carlson, Gerrard M. et al. | |
| US 20040193066 A1 | US-PGPUB | 20040930 | | Cardiac rhythm management system using time-domain heart rate variability indicia | 600/509 | 607/17 | Carlson, Gerrard M. et al. | |
| US 20040158295 A1 | US-PGPUB | 20040812 | | Method for exclusion of ectopic events from heart rate variability metrics | 607/25 | | Dyjach, John A. et al. | |
| US 20040133247 A1 | US-PGPUB | 20040708 | | Method for ischemia detection by implantable cardiac device | 607/17 | | Stahmann, Jeffrey E. et al. | |
| US 20040127792 A1 | US-PGPUB | 20040701 | | Method and apparatus for monitoring of diastolic hemodynamics | 600/439 | | Siejko, Krzysztof Z. et al. | |
| US 20040106961 A1 | US-PGPUB | 20040603 | | Method and apparatus for phonocardiographic image acquisition and presentation | 607/17 | | Siejko, Krzysztof Z. et al. | |
| US 20040106960 A1 | US-PGPUB | 20040603 | | Phonocardiographic image-based atrioventricular delay optimization | 607/17 | | Siejko, Krzysztof Z. et al. | |
| US 20040024423 A1 | US-PGPUB | 20040205 | | Cardiac rhythm management system selecting A-V delay based on interval between atrial depolarization and mitral valve closure | 607/17 | | Lincoln, William C. et al. | |
| US 20030208240 A1 | US-PGPUB | 20031106 | | Method and apparatus for detecting acoustic oscillations in | 607/17 | | Pastore, Joseph M. et al. | |

| | | | | cardiac rhythm | | | |
|-------------------|--------------|----------|--|---|---------|---------|----------------------------------|
| US 20030199937 A1 | US- PGPUB | 20031023 | | Atrial interval based heart rate variability diagnostic for cardiac rhythm management system | 607/25 | 600/515 | Carlson, Gerrard M. et al. |
| US 20030176896 A1 | US- PGPUB | 20030918 | | Cardiac rhythm management system and method using time between mitral valve closure and aortic ejection | 607/18 | | Lincoln, William C. et al. |
| US 20030163184 A1 | US- PGPUB | 20030828 | | Single pass lead system | 607/122 | | Scheiner, Avram et al. |
| US 20030135243 A1 | US- PGPUB | 20030717 | | Maximum pacing rate limiter implemented using the evoked response -T- wave interval | 607/25 | | Daum, Douglas R. et al. |
| US 20030078624 A1 | US- PGPUB | 20030424 | | Maximum atrial tracking rate for cardiac rhythm management system | 607/9 | | Carlson, Gerrard M. et al. |
| US 20020173826 A1 | US- PGPUB | 20021121 | | Cardiac rhythm management system selecting A- V delay based on interval between atrial depolarization and mitral valve closure | 607/9 | | Lincoln, William C. et al. |
| US 20020128564 A1 | US- PGPUB | 20020912 | | Atrial interval based heart rate variability diagnostic for cardiac rhythm management system | 600/509 | | Carlson, Gerrard M. et al. |
| US 20020128563 A1 | US- PGPUB | 20020912 | | Cardiac rhythm management system using time- | 600/509 | | Carlson, Gerrard M. et al. |

| | | | | | | | | |
|-------------------|----------|----------|--|---|---------|-------------------------|--|----------------------------|
| | | | | domain heart rate variability indicia | | | | |
| US 20020120306 A1 | US-PGPUB | 20020829 | | Cardiac rhythm management device with triggered diagnostic mode | 607/25 | | | Zhu, Qingsheng et al. |
| US 20010037069 A1 | US-PGPUB | 20011101 | | Heart rate variability as an indicator of exercise capacity | 600/510 | | | Carlson, Gerrard M. et al. |
| US 7062323 B2 | USPAT | 20060613 | | Maximum atrial tracking rate for cardiac rhythm management system | 607/9 | 600/528; 607/14 | | Carlson; Gerrard M. et al. |
| US 7062314 B2 | USPAT | 20060613 | | Cardiac rhythm management device with triggered diagnostic mode | 600/515 | | | Zhu; Qingsheng et al. |
| US 6963778 B2 | USPAT | 20051108 | | Maximum pacing rate limiter implemented using the evoked response-T-wave interval | 607/25 | | | Daum; Douglas R. et al. |
| US 6963777 B2 | USPAT | 20051108 | | Cardiac rhythm management system and method using time between mitral valve closure and aortic ejection | 607/18 | | | Lincoln; William C. et al. |
| US 6748272 B2 | USPAT | 20040608 | | Atrial interval based heart rate variability diagnostic for cardiac rhythm management system | 607/14 | 600/508; 600/515; 607/9 | | Carlson; Gerrard M. et al. |
| US 6718197 B1 | USPAT | 20040406 | | LV ectopic density trending | 600/515 | 607/32 | | Carlson; Gerrard M. et al. |
| US 6678547 B2 | USPAT | 20040113 | | Cardiac rhythm management system using time-domain heart rate variability indicia | 600/515 | 607/14 | | Carlson; Gerrard M. et al. |

| | | | | | | |
|---------------|-------|----------|---|---------|---|----------------------------|
| US 6665564 B2 | USPAT | 20031216 | Cardiac rhythm management system selecting A-V delay based on interval between atrial depolarization and mitral valve closure | 607/17 | 607/9 | Lincoln; William C. et al. |
| US 6650940 B1 | USPAT | 20031118 | Accelerometer-based heart sound detection for autocapture | 607/28 | 600/528 | Zhu; Qingsheng et al. |
| US 6529772 B2 | USPAT | 20030304 | Heart rate variability as an indicator of exercise capacity | 600/510 | 600/521; 607/25 | Carlson; Gerrard M. et al. |
| US 6505082 B1 | USPAT | 20030107 | Single pass lead system | 607/123 | | Scheiner; Avram et al. |
| US 6366811 B1 | USPAT | 20020402 | Extraction of hemodynamic pulse pressure from fluid and myocardial accelerations | 607/27 | 600/485; 600/513; 600/526; 607/17; 607/23 | Carlson; Gerrard M. |
| US 6301499 B1 | USPAT | 20011009 | Heart rate variability as an indicator of exercise capacity | 600/510 | 600/521; 607/25 | Carlson; Gerrard M. et al. |
| US 6212434 B1 | USPAT | 20010403 | Single pass lead system | 607/123 | | Scheiner; Avram et al. |
| US 6119043 A | USPAT | 20000912 | Atrial and ventricular cardiac lead having a mechanical bias | 607/123 | | Hsu; William et al. |
| US 6026324 A | USPAT | 20000215 | Extraction of hemodynamic pulse pressure from fluid and myocardial accelerations | 607/27 | 600/513; 607/9 | Carlson; Gerrard M. |
| US 6026320 A | USPAT | 20000215 | Heart rate variability as an indicator of exercise capacity | 600/510 | 600/521; 607/25 | Carlson; Gerrard M. et al. |
| US 5885221 A | USPAT | 19990323 | Discrimination of atrial and | 600/515 | 607/5 | Hsu; William et |

| | | | | | | | | |
|--------------|-------|----------|----|--|---------|--------------------------|--|----------------------------|
| | | | | ventricular signals from a single cardiac lead | | | | al. |
| US 5792195 A | USPAT | 19980811 | | Acceleration sensed safe upper rate envelope for calculating the hemodynamic upper rate limit for a rate adaptive cardiac rhythm management device | 607/17 | 607/18; 607/19 | | Carlson; Gerrard M. et al. |
| US 5776072 A | USPAT | 19980707 | 16 | Discrimination of atrial and ventricular signals from a single cardiac lead | 600/518 | 600/521 | | Hsu; William et al. |
| US 5674256 A | USPAT | 19971007 | | Cardiac pre-ejection period detection | 607/17 | | | Carlson; Gerrard M. |
| US 5603331 A | USPAT | 19970218 | | Data logging system for implantable cardiac device | 600/508 | 607/25 | | Heemels; Jan P. et al. |
| US 5052399 A | USPAT | 19911001 | | Holter function data encoder for implantable device | 600/516 | | | Olive; Arthur L. et al. |
| US 4953145 A | USPAT | 19900828 | | Active phase quieting target highlight detector | 367/138 | 367/12; 367/135; 367/901 | | Carlson; Gerrard M. |